

AMENDMENTS TO THE CLAIMS

IN THE CLAIMS:

- Please cancel claims 31 and 38.
- Please amend the claims as follows:

25. (Currently amended): An apparatus for sensing fluid flow within a pipe, comprising:

B1
an acoustic sensing device for providing an acoustic signal indicative of the ~~acoustic pressure variations within the fluid flowing in the pipe~~ speed of sound in the fluid flowing within the pipe, wherein the acoustic device is attached to the outside wall of the pipe; and

a flow velocity sensing device coupled to the acoustic device for providing a velocity signal indicative of the ~~local pressure variations within the fluid flowing in the pipe~~ speed of the fluid flowing within the pipe, wherein the flow device is attached to the outside wall of the pipe.

B2
30. (Currently amended): The apparatus of claim 25, wherein the pipe is sufficiently compliant so that the sensing devices may sense the ~~acoustic pressure variations~~ speed of sound in the fluid and the ~~local pressure variations~~ speed of the fluid through the wall of the pipe.